

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29D31/00 B60J10/00 B29C70/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60J B29D B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 316 829 A (CORDES HANS ET AL) 31 May 1994 (1994-05-31) cited in the application	
A	FR 2 332 409 A (DRAFTEX DEV AG) 17 June 1977 (1977-06-17) cited in the application	
A	DE 198 37 348 A (SEKURIT SAINT GOBAIN DEUTSCH) 2 March 2000 (2000-03-02)	
A	DE 195 37 693 C (SEKURIT SAINT GOBAIN DEUTSCH) 2 October 1996 (1996-10-02)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

8 July 2003

Date of mailing of the international search report

15/07/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Roberts, P

Information on patent family members

International Application no

PCT/EP 03/03030

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5316829	A	31-05-1994	DE 4123256 C1 AT 148027 T AT 199514 T AU 664555 B2 AU 1960892 A CA 2073529 A1 CZ 9202190 A3 DE 4201725 A1 DE 69216932 D1 DE 69216932 T2 DE 69231727 D1 DE 69231727 T2 EP 0524060 A1 EP 0723846 A1 ES 2098473 T3 ES 2156232 T3 FI 923186 A JP 2525998 B2 JP 6023788 A KR 258284 B1 MX 9204049 A1 PL 295274 A1 SK 219092 A3 US 5456874 A US 5547359 A US 5580628 A ZA 9205000 A	08-10-1992 15-02-1997 15-03-2001 23-11-1995 14-01-1993 14-01-1993 17-02-1993 29-07-1993 06-03-1997 07-08-1997 12-04-2001 22-11-2001 20-01-1993 31-07-1996 01-05-1997 16-06-2001 14-01-1993 21-08-1996 01-02-1994 01-06-2000 01-04-1993 19-04-1993 05-01-1995 10-10-1995 20-08-1996 03-12-1996 28-04-1993
FR 2332409	A	17-06-1977	GB 1544420 A DE 2646058 A1 ES 452701 A1 FR 2332409 A1 IT 1068807 B JP 52064724 A	19-04-1979 26-05-1977 01-01-1978 17-06-1977 21-03-1985 28-05-1977
DE 19837348	A	02-03-2000	DE 19837348 A1 AT 233645 T AU 5174199 A BR 9906696 A CA 2307334 A1 CN 1275107 T DE 69905692 D1 EP 1023154 A1 WO 0010793 A1 JP 2002523257 T PL 339806 A1 SK 5452000 A3	02-03-2000 15-03-2003 14-03-2000 21-11-2000 02-03-2000 29-11-2000 10-04-2003 02-08-2000 02-03-2000 30-07-2002 02-01-2001 12-09-2000
DE 19537693	C	02-10-1996	DE 19537693 C1 BR 9605021 A DE 69625156 D1 EP 0768162 A1 JP 9123213 A PT 768162 T	02-10-1996 30-06-1998 16-01-2003 16-04-1997 13-05-1997 30-04-2003